

Airport Per- and Poly-Fluoroalkyl Substances (PFAS)

Request for Proposals

April 4, 2022

**Applications are Requested for
Testing and Monitoring for PFAS at
Airports in Michigan**

Gretchen Whitmer, Governor

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Energy (EGLE)**

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Airport PFAS Grants

Introduction

The Michigan State Legislature set aside \$11.65M for grants to local units of government, including municipal airports and independent airport authorities, for monitoring, testing, and remediation related to PFAS contamination. This RFP is for monitoring and testing only.

Funding Source and Availability

Funding is from the Michigan State Legislature under Section 401(1) and (2) of EGLE's fiscal year (FY) 2022 budget. Successful applicants must be able to enter into a detailed grant agreement with EGLE in a timely manner.

This RFP is for a portion of the \$11.65M for testing and monitoring grants. All testing and monitoring is expected to be complete within 24 months of a signed grant agreement, eligible activities for which are defined below.

EGLE will issue a second RFP for remediation grants in April 2023 using the balance of the \$11.65M available after testing and monitoring grants are awarded.

- Note: If an airport applies for a testing and monitoring grant via this RFP, the same airport may also apply for a remediation grant 12 months from now.

Scope

This RFP is for testing and monitoring only. Funding may be used for any of the following:

- Testing or monitoring of groundwater with the goal of identifying or determining the presence or extent of PFAS on-site or off-site.
- Testing or monitoring to characterize storm water. Such should be consistent with storm water monitoring requirements under any NPDES storm water permit.
- Any off-site testing or monitoring needed to protect public health (including drinking water well sampling and surface water sampling).

Maximum Funding Amounts

The maximum dollar amount that will be awarded to any entity will be \$350,000. As part of the \$350,000 we will limit the funding accordingly:

- \$50,000 for **ongoing monitoring** required either under an NPDES storm water permit or under Part 201 (groundwater monitoring).
- Work plans that contain elements to characterize storm water should meet requirements in **Appendix A**, cost no more than \$25,000 and be completed within 6 months. Once the study is complete, the airport will be offered entry into an administrative consent order which will require source identification via additional storm water (and potentially, surface water) sampling, and may also lead to groundwater sampling if infiltration/inflow is identified as an issue.

Eligibility

Eligible applicants are:

- Current or former Part 139 commercial service airports in Michigan that are most likely to have, or have used, Class B Aqueous Film Forming Foam (AFFF), including those that have existing airport PFAS monitoring grants with MDOT.

Note that some Part 139 airports are joint use, meaning they are owned or co-located with a military installation. This funding is limited to eligible applicants (municipalities) for work on the municipal portion of any joint-use airport only. Funds cannot be directly given to, or used to support, the military at joint-use airports or intentionally assist the military in addressing PFAS.

- Other municipal or independent airport authorities that can provide information about likely or documented use of AFFF at the airport, known releases of AFFF at the airport, or history of storing AFFF at the airport.

In addition, all applicants must:

1. If requested, supply proof of a successful financial audit for a period ending within the 24 months immediately preceding the application due date, as demonstrated by an *Independent Auditor's Report* signed by a Certified Public Accountant from a Comprehensive Annual Report. The audit must be of the applicant organization. **No fiduciary arrangements will be accepted** (i.e., the proposed work plan must include an active role for the applicant organization). The audit date is based on the audit period and not the date of the audit or the audit letter. The end date of the audited period must be after **March 31, 2020**.
2. Be in good standing with EGLE and MDOT grant programs within the 24 months immediately preceding the application due date:
 - a. No grant revoked or terminated.
 - b. No demonstrated inability to manage a grant or meet the obligations in a project contract with EGLE or MDOT. This includes reporting requirements.
3. Not appear on the Federal Debarment and Suspension List. The list can be searched through the System for Award and Management (www.sam.gov).
4. Successful applicants and all contractors will be required to certify they are not an Iran-based business and contractors must also certify they are not an Iran-linked business as defined in [MCL 129.312](#).
5. Be able to sign a grant agreement with EGLE in a timely manner.

Ineligible Applicants

Federal and state agencies, military, individuals, groups, and contractors.

Eligible Activities

Funding is limited to:

- Monitoring and testing, including on-site testing of groundwater, storm water, surface water, and/or drinking water, and off-site monitoring to delineate groundwater plumes, assess impact on residential wells known or reasonably expected to be down-gradient of the airport, or to determine impact on nearby surface waters. Soil sampling is eligible on a site-by-site basis as approved by EGLE.

Ineligible Activities

1. Any activities not directly related to monitoring and testing.
2. Any activities that occur before the start date of a signed grant agreement or after the end date of a signed grant agreement.

3. Any activity that supports the investigation of PFAS contamination on a military owned or controlled portion of a joint use facility.
4. For this RFP, any remediation activities. A separate RFP will be issued 12 months after this RFP.

Minimum Requirements for All Proposals

A sampling plan will be required for all projects to ensure quality data will be collected. All sampling plans should reference the EGLE PFAS Sampling Guidance Documents on the [MPART PFAS Sampling Guidance](#) web page.

All samples must be analyzed for the analytes found on the [EGLE PFAS Minimum Analyte List](#).

Proposal Evaluation Criteria

- The anticipated environmental benefits of the project in relation to the cost. Contractors interested in assisting airports are encouraged to consider the EPA consultant cap as a good guideline for maximum hourly and daily costs. In 2020, the daily consultant cap was \$82.12 per hour and \$656.92 per day.
- The ability of the applicant and the partners and contractors to carry out the project as demonstrated by previous related work.
- Technical merits of the proposed sampling plan.
- The facilities' overall compliance status with environmental regulations.

Funding Priority

Priority will be given to:

- Airports that did not previously receive testing and monitoring funding.
- Sampling to delineate plumes, determine impact to residential wells, nearby waterbodies, and/or sampling to characterize storm water will be given higher priority than ongoing monitoring.
- Proposals based on sound science, such as consideration of the groundwater flow direction.

Proposal Selection

Proposals will be reviewed based on the above Evaluation Criteria and Funding Priorities.

Process, Schedule, and Deadline

Each project should be applied for separately, with a complete electronic proposal of all required components. A complete application shall consist of a project description that includes background on AFFF use, detailed work plan and sampling plan, project timeline, maps, and budget.

Proposal evaluation will be based on the information received by the due date. Full applications must be received **by 4:00 p.m., Friday, April 29, 2022**. Late proposals will not be accepted or reviewed.

Timetable for the Entire Process - RFP through Grant Closure

RFP Issued	April 4, 2022
Webinar to Discuss the RFP	April 11, 2022
Applications Due	April 29, 2022
Target date for Grant Awards	Target Date: June - July 2022
Awardees Enter into Grants with EGLE	Target Date: June - August 2022
Laboratory Results Shall be Submitted Electronically to EGLE and MDOT Awardees Submit Quarterly Reports to EGLE and MDOT	Upon receipt from the lab 30 days after the end of each quarter: <ul style="list-style-type: none">• Early October (due to year-end closing; covering July — September)• January (covering October — December)• April (covering January — March)• July (covering April — June)
All Work Completed for All Grants	24 months after the start date of the grant

Project Clarification/Revisions

EGLE may request additional information for clarification purposes. EGLE can offer grant amounts other than those requested and request changes to the proposed work plan.

Confidentiality

Submitted proposal information is not confidential. Grant proposals are considered public information under the Freedom of Information Act, Public Act 442 of 1976, as amended.

Acceptance of Grant Agreement Content

Successful applicants will be required to enter into a grant agreement with EGLE. A grant agreement consists of standard "boilerplate" language, the applicant's project description, work plan, timeline, and budget information. Please note:

1. Faxed proposals will not be accepted.
2. Late proposals will not be considered for funding.

Electronical Submittal To:

Kelly Ploehn

PloehnK@Michigan.gov

Contact

For technical questions about this RFP, please contact Mike Jury at 517-242-9578 or by email at JuryM1@Michigan.gov.

Instructions and Template for the Application

Please include this at the top of your application:

Project Name: _____

Project Location (County): _____

Grant Amount Requested: \$ _____

Contact for the Airport: _____

Contact Phone Number: _____

Contact Email: _____

Project Description: In one paragraph, please describe the project goals and objectives and, at a high level, how you intend to meet the project goals and objectives.

Work Plan: Provide a work plan, by task, to describe the work to be implemented if your proposal is selected. All work plans must include the following tasks:

1. A sampling plan:
 - a. Who will be doing the sampling and their experience with PFAS sampling. (One paragraph)
 - b. What protocols they will be following to conduct the sampling (ideally, this will reference the MPART sampling guidance documents); otherwise, protocols should be attached.
 - c. What lab they will use to analyze the samples.
 - d. What method the lab will use to analyze the samples.
2. Submittal of all data collected to EGLE. Ideally, this data will be provided as raw results from the lab, in a spreadsheet format, and mapped spatially.
3. Develop and submit quarterly status reports following EGLE guidance. Reports will be submitted within 30 days of the end of each quarter.
4. Develop and submit a final report following EGLE guidance and submit the final report within 30 days of the end of the grant.

Map(s): Include a map of the testing/sampling locations to be sampled and indicate what media will be sampled at each location (storm water, surface water, groundwater).

Budget: Applicants must also submit a budget form provided by the department.

Appendix A

Airports applying for funds under this grant that have regulated storm water discharges to surface waters are requested to conduct PFAS specific Short-Term Storm Water Characterization Studies (STSWCS). This is in accordance with EGLE's Compliance Strategy for Addressing PFAS (PFOS/PFOA) from Industrial Direct Discharges and Industrial Storm Water Discharges.

A complete PFAS Short-Term Storm Water Characterization Study (STSWCS) Plan for this grant includes the following components:

1. Samples shall be collected at all storm water discharge points (outfalls and points of discharge), including those that drain areas not associated with airport activity (e.g., customer and employee parking, runways, vegetated areas, etc.).
2. Grab samples shall be collected at all storm water discharge points during three separate qualifying rain events. However, if dry-weather flow (indicative of groundwater infiltrating the storm sewer system after 72 hours from the most recent qualifying storm event) is observed from any discharge point during the STSWCS, the sampling plan for those discharge points shall be modified to require two wet-weather and two dry-weather sampling events, for a total of four separate sampling events. The dry-weather samples must be collected at least 30 days apart from one another.
3. To establish whether dry-weather flow is present, three dry-weather flow observations shall be made at each storm water discharge point and reported in the final STSWCS report. Dry-weather flow observation reports must include the date and time of the observation, the number of hours since the last qualifying storm event, and the presence/absence of dry-weather flow at each discharge point.
4. Samples shall be analyzed for PFAS using an appropriate method (i.e., Method 8327 or isotope dilution) for PFAS compounds included on EGLE's [PFAS Minimum Laboratory Analyte List](#). The Grantee should choose a laboratory with sufficient quality assurance/quality control practices, reporting levels, and detection levels to meet the objectives of the STSWCS. All sampling shall be performed in accordance with appropriate sampling procedures for PFAS.

Sampling guidance is provided on the [Michigan PFAS Action Response Team \(MPART\) Web page](#). For storm water discharges, the [General PFAS Sampling Guidance](#) and [Wastewater PFAS Sampling Guidance](#) should be followed.

5. A map identifying all discharge points, including labels, storm water inlet structures (e.g., catch basins, roof drains, etc.), storm water conveyances (e.g., pipes, ditches, etc.), and outlines of the drainage areas contributing to each storm water discharge point for the entire airport property. Areas not owned and operated by the airport should be identified.
6. An implementation schedule for the STSWCS that does not exceed six months from the EGLE approval of the STSWCS Plan.
7. A report containing all the elements identified under "Section: 6 Final Report" of the STSWCS Template mentioned below, the dry-weather flow observational information, and a statement certifying the presence or absence of dry-weather flow from all discharge points from the airport. The report shall be submitted within 30 days (not 90 days, as indicated in the STSWCS Template) of receiving the results from the final sample event.

An [STSWCS guidance document](#) and [STSWCS template](#) are available on the WRD's [Industrial Storm Water Web page](#) and should be utilized to ensure an approvable plan is developed and submitted.

For questions regarding the PFAS STSWCS, please contact the Emerging Pollutants Section staff person on [this map](#) associated with the county where the airport is located.